

## Claims

[c1] 1.A method comprising:  
dividing knowledge to be learned into a plurality of atoms, each atom being a quickly learned and combinable unit of the knowledge; and,  
arranging a plurality of payoffs of combinations of a sub-plurality of the plurality of atoms, each payoff yielding an insight into the knowledge directly unfounded in the plurality of atoms themselves.

[c2] 2.The method of claim 1, further comprising devising a plurality of tests of the knowledge to be given periodically and repeatedly to reinforce the knowledge learned.

[c3] 3.The method of claim 2, wherein each test is combined with a new atom of the plurality of atoms to be learned, to generate a new payoff of the plurality of payoffs to be learned when the test is given.

[c4] 4.The method of claim 2, wherein the tests are given with decreasing periodicity.

[c5] 5.The method of claim 1, wherein each atom represents a real-world application of a unit of the knowledge.

[c6] 6.The method of claim 1, wherein each atom does not include explanation of a unit of knowledge.

[c7] 7.The method of claim 1, wherein each payoff is designed to sustain interest in learning the knowledge.

[c8] 8.A method comprising:  
learning a number of atoms of a plurality of atoms into which knowledge has been divided, each atom being a quickly learned and combinable unit of the knowledge; and,  
learning a payoff of a plurality of payoffs, the payoff being a combination of the number of atoms and yielding an insight into the knowledge directly unfounded in the number of atoms themselves.

[c9] 9.The method of claim 7, further comprising repeatedly being tested of the number of atoms and the payoff with one or more tests of the knowledge, to reinforce the knowledge learned.

[c10] 10.The method of claim 8, further comprising repeating learning the number of atoms, learning the payoff, and repeatedly being tested, with a new number of atoms and a new payoff.

[c11] 11.The method of claim 8, wherein each test is combined with a new atom of the plurality of atoms to be learned, to generate a new payoff of the plurality of payoffs to be learned when the test is given.

[c12] 12.The method of claim 7, wherein each atom represents a real-world application of a unit of the knowledge.

[c13] 13.The method of claim 7, wherein each payoff is designed to sustain interest in learning the knowledge.

[c14] 14.An article of manufacture comprising:  
one or more media; and,  
learning material in the media to perform a method comprising:  
teaching a number of atoms of a plurality of atoms into which knowledge has been divided, each atom being a quickly learned and combinable unit of the knowledge; and,  
teaching a payoff of a plurality of payoffs, the payoff being a combination of the number of atoms and yielding an insight into the knowledge directly unfounded in the number of atoms themselves.

[c15] 15.The article of claim 14, wherein the method further comprises repeated testing the number of atoms and the payoff with one or more tests of the knowledge, to reinforce the knowledge learned.

[c16] 16.The article of claim 14, wherein the one or more media comprises a book.

[c17] 17.The article of claim 14, wherein the one or more media comprises an Internet web site.

[c18] 18.The article of claim 14, wherein the one or more media comprises an optical media on which the learning material is implemented as a computer program.

[c19] 19.The article of claim 14, wherein each atom represents a real-world application of a unit of the knowledge, and does not include explanation of a unit of knowledge.

[c20] 20.The article of claim 14, wherein each payoff is designed to sustain interest in learning the knowledge.